

Memoranda

HOWLAND ISLAND
JANUARY 16, 1967

1500 Arr.	7 men
1600 17 Jan.	6 men { Smith (50) Tuck, White
2000 18 Jan.	7 men { Greene

KENNETH BALCOMR

✓ MD P
CDT

Done 3/8/63

turned
- 83400

Bands Issued -

17 JAN

777-51003 - 51100

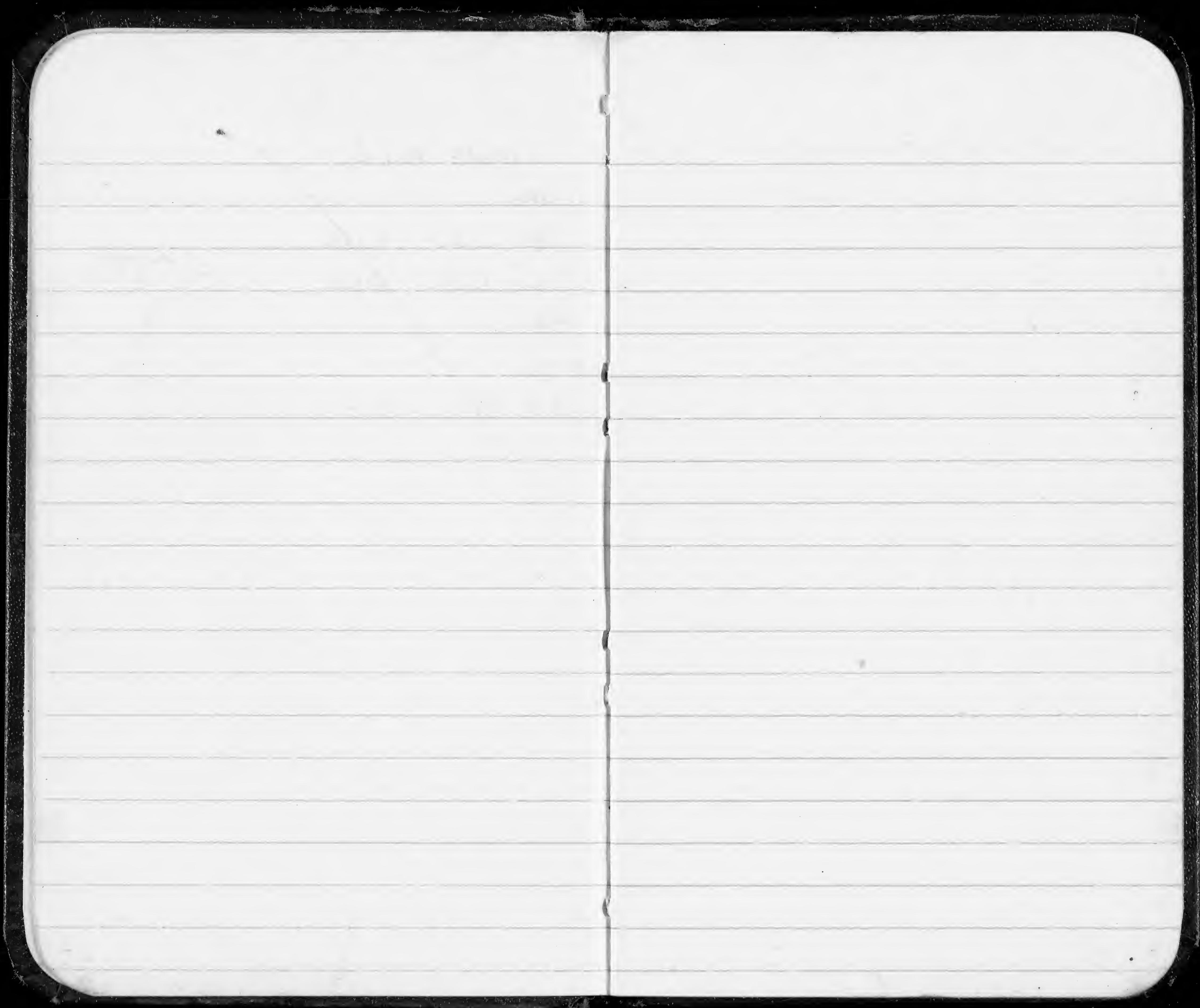
923-82001 - 84000

83501 - 83400
returned

~~923~~

19 JAN

923-88501 - 89500



NEST COUNT

16 JAN, 1967

W/ LEGG

~~11/11/11~~ BFB 12/12/12

BB

RFB
—
TH 1

w/ ZEGG

1111 6 26

w/ SM CHICK ~~W/ CHICK~~ 11/23/58
w/ SM CHICK + EGG 1 1 3

三

3

у/инн. № 163 | 163

NEST CT. 16 JAN

GF

Y EGG ~~MM~~ ~~MM~~ ~~MM~~ ~~MM~~

IMM ~~MM~~ ~~MM~~

Shaebird

16 JAN

~~RF~~ ~~MM~~

Recovery - 16 JAN

568-70633 BFB

70679 "

19 JAN, 1967

I	3:60	100	261 15 1305 265 391,590 391,24 60
II	8:60	100	156 60 1530
III	5:60	100	183 960
IV	6:60	100	931
V	6:60	100	
VI	8:60	100	
VI	36:60	<u>70</u>	
		$670 \times 3 = 2010$	

home 300×3

0 -

I 8:60 100
II 5:60 100

$49,480 \times 200 \times 3 = 600$

$= 2,610 \times 150$

Sooty tern colony ~ 17 Jan, 1967

The colony is located on the runway area in the southeastern quarter of the island. It is an average of 250' wide in a belt that extends from the southern tip to the middle of the island ie- $\frac{3}{4}$ mile (4,000 ft).

The nest densities for 3 sample 100 sq' plots were 12,30, & 31, for an average of 24/100 sq'. for 1,000,000 sq' nests \approx 240,000 nests or 480,000 birds.

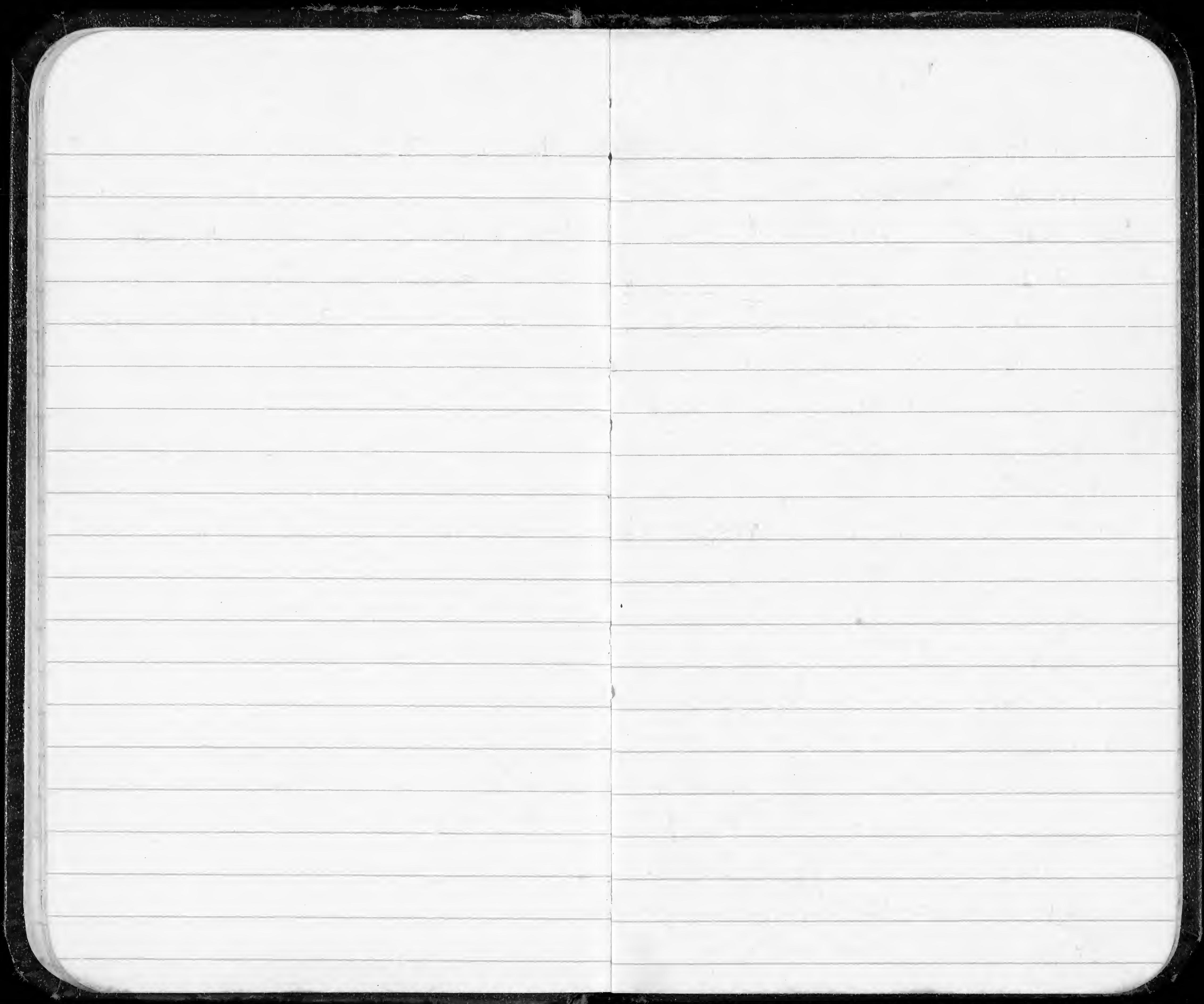
heard 1 imm sooty on night 18 Jan

Banding 17 JAN, 1967

777-51003-51100 Ad on Lesser

Frigatebird Imm

923-82001-83500 ST Ad on egg



✓ADP Y17
all

793-48339 ✓ 43403 ✓ 43858 ✓
46096 ✓ 43781 ✓ 44578 ✓
72921 ✓ 45911 ✓ 46357 ✓
72927 ✓ 46869 ✓ 36145 ?
45129 (85) 44987 ✓ 29860
45319 ✓ 43743 ✓ 48592 ✓
46762 ✓ 49487 ✓ 31126 ✓
47453 ✓ 49971 ✓
44580 ✓ 44362 ✓
47333 ✓ 47638 ✓ MAGNUM!
49321 ✓ 72838 ✓
72561 ✓ 49080 ✓
47465 ✓ 46034 ✓
43674 ? 48767 ✓
44106 ✓ 46372 ✓
44210 ✓ 47237 ✓
48382 ✓ 44845 ✓
44014 ✓ 30766 ✓
43645 ✓ 45859 ✓
30469 ✓ 46590 ✓

all birds seen
the page is checked

✓ADP
Sooty TERN RETURNS 17 JAN

773-29861 ✓ 22012 ✓ 39506 ✓
20115 ✓ 27207 ✓ 29215 ✓
21280 ✓ 28653 ✓ 26635 ✓
20796 ✓ 25367 ✓ 23936 ✓
25812 ✓ 21414 ✓ 24539 ✓
24224 ✓ 25137 ✓ 20061 ✓
20217 ✓ 26423 ✓ 24253 ✓
26823 ✓ 27635 ✓ 26255 ✓
20777 ✓ 29933 ✓ 26374 ✓
23151 ✓ 39994 ✓ 27451 ✓
24127 ✓ 26271 ✓ 20153 ✓
27537 ✓ 27624 ✓ 27500 ✓
26911 ✓ 20452 ✓ 22205 ✓
24571 ✓ 23439 ✓ 25981 ✓
20305 ✓ 20116 ✓ 28606 ✓
25399 ✓ 39939 ✓ 21997 ✓
29038 ✓ 29548 ✓ 23486 ✓
21966 ✓ 26120 ✓ 27697 ✓
29338 ✓ 27657 ✓ 29087 ✓
21507 ✓ 29109 ✓

✓ADP

Y₁₇

823-01921 ✓
01953 ✓

✓ADP
Y₁₇

843-38472 ✓ 36060 ✓ 37876 ✓
55463 ✓ 37873 ✓ 55844 ✓
55247 ✓ 39431 ✓ 36338 ✓
36499 ✓ 38450 ✓ 55059 ✓
55734 ✓ 37266 ✓ 36399 ✓
38201 ✓ 55580 ✓ 55816 ✓
37541 ✓ 36261 ✓ 35152 ✓
38534 ✓ 35731 ✓ 36349 ✓
35394 ✓ 38711 ✓
35718 ✓ 36249 ✓
39114 ✓ 35142 ✓
39038 ✓ 55469 ✓
37439 ✓ 35971 ✓
37370 ✓ 35937 ✓
37234 ✓ 38256 & 1
35358 ✓ 36083 ✓
36084 ✓ 55047 ✓
36050 ✓ 36415 ✓
38016 ✓ 36422 ✓
35825 ✓ 55678 ✓

863-80608

80208 (BS)

80310

Y17 ✓ ADP

✓

✓

✓

953-31811 ✓

10764 ✓

20531 (BS) ✓

22559 ✓

03815

07540 (BS) ✓

12859 ✓

11928 ✓

31961 ✓

06330 (BS) ✓

10912 ✓

23743 ✓

06983 ✓

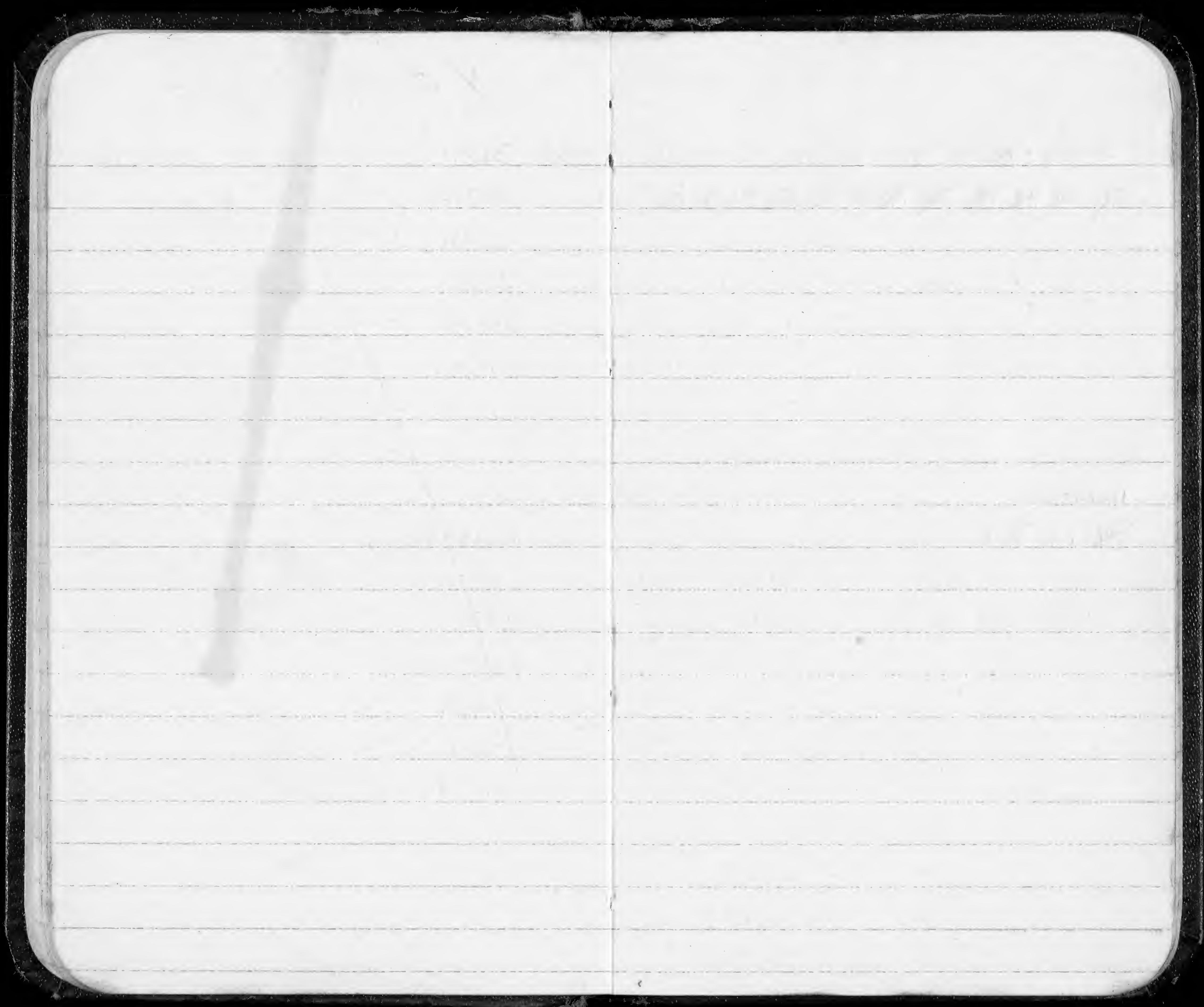
13409 ✓

04838 ✓

06344 ✓

Y17

✓ ADP



18 JANUARY, 1967

205

✓ADP

BIRDS: AD:

XXX XXX XXX XXX XXX XXX XXX XXX

BLUE-FACED Booby RETURNS

737-28504 ♂ lg chick ✓

23582 ♂ "

20684 ♀ Roosting (a) ✓

53257 ♂ 1 egg ✓

757-63230 ♀, imm (568-70626) ✓

737-27513 ♂ } ✓

28645 ♂ Imm ✓

757-63004 ♀ R ✓

63306 ♂ sm chick ✓

587-84043 ♂ 2 eggs ✓

737-27797 ♀, sm chick ✓

757-63864 ♂ }

737-28971 ♀ } Imm ✓

27501 ♂ }

20705 ♀ R ✓

53203 ♀ R ✓

27712 ♀ R ✓

49532 ♀ R ✓

28808 ♀ R ✓

27711 ♂ R, bled ✓

IMM:

XXX XXX }

Y18 ✓ ATP

AD: ~~XXXXXX~~ ~~XXXXXX~~ ~~XXXXXX~~
~~XXXXXX~~ ~~XXXXXX~~ ~~XXXXXX~~ ~~XXXXXX~~

INM: ~~XXXXXX~~ ~~XXXXXX~~ ~~XXXXXX~~ |

737-28923 ♂ 2 egg ✓
757-63016 ♀ R ✓
737-27710 ♂, sm chick ✓
27540 ♀ R ✓
737-53382 ♀ sm chick ✓
737-82126 ♀ " ✓
8 82255 ♂ Imm downy ✓
27627 ♀ R ✓
26626 ♀ R ✓
49547 ♂ R ✓
28540 ♀ } R ✓
27564 ♂ } ✓
49534 ♀ } R ✓
22805 ♂ } ✓
28957 ♀ } empty nest ✓
53236 ♂ } ✓
39660 ♂ R ✓
27653 ♂ 1 egg ✓
27652 ♂ ✓
26659 ♀ } R ✓
39661 ♂ } ✓

AD: 34, 100 (clut)

Y18 ✓ ADP

737-39645 ♀ R ✓

39662 ♀ } lg chick ✓

49584 ♂ } ✓

23552 ♀ R ✓

27672 ♂ } R ✓

37583 ♀ } ✓

26653 ♀ R ✓

49552 ♂ } sm chick ✓

49866 ♀ } sm chick ✓

27671 ♀ } down (downy) ✓

39647 ♂ } ✓

25885 ♀ R ✓

23550 ♂ } R ✓

49524 ♀ } ✓

27681 ♂ 2 eggs ✓

27696 ♀ R ✓

39857 ♀ sm chick ✓

27685 ♂ R ✓

39668 ♀ R ✓

37588 ♀ R ✓

IMM: 1

unbanded: III

AD: ~~MM~~ ~~MM~~ ~~MM~~ I, 87

Y18 ✓ ADP

737-39674 ♀ } on egg ✓
39856 ♂ }

27697 ♂ R ✓

37585 ♀ R ✓

757-65009 ♂ R ✓

737-27885 ♂ } Sm chick ✓
82 noband ♀ }

737-82265 ♂ } lg chick ✓

27600 ♀ ✓

81502 ? club ✓

757-60977 ♀ R ✓

737-28552 ♂ R ✓

49664 ♀ } R ✓

39688 ♂ }

39890 ♀ } lg chick ✓

49576 ♂ }

49574 ♀ lg chick ✓

39886 ♂ sm ✓

27952 ♂ lg chick ✓

39559 ♀ ✓

IMM: ~~MM~~ III

AO:

Y18 ✓ ADP

737-20712 ♀ } R ✓

26685 ♂ }

20564 ♀ } lg chick ✓
49824 ♂ }

28643 ♀ lg chick ✓

25878 ♀ imm ✓

39687 ♂ sm chick ✓

39738 ♀ lg chick ✓

28921 ♂ lg chick ✓

39734 ♀ sm chick ✓

53126 ♀ lg chick ✓

39719 ♀ 1 egg ✓

39710 ♂ legs ✓

27523 ♂ } sm chick ✓

53254 ♀ }

49593 ♀ R ✓

49670 ♂ R ✓

49586 ♂? 1 egg ✓

39729 ♂ } R ✓

25899 ♀ }

Mu: 1

Y18 ✓ADP

AD ~~III~~ ~~III~~ ~~III~~

737-49601 ♀ 2eggs c ✓

39694 ♂ 1egg ✓

558-85053 ♀ } 1g chick ✓

737-27784 ♂ } ✓

27587 ♀ } R ✓

27586 ♂ } ✓

28598 ♂ 6g chick ✓

53415 ♂ 5m chick ✓

39926 ♂ R ✓

587-83432 ♂ } Im ✓

737-39753 ♀ } ✓

39780 ♂ 2eggs ✓

39777 ♂ 1egg ✓

20941 ♂ 2eggs ✓

49746 ♂ R ✓

27826 ♂ R ✓

28618 ♀ Im ✓

49606 ♂ 2eggs ✓

49597 ♂ } Im ✓

21265 ♀ } ✓

IMM: ~~III~~ ~~II~~

Y18 ✓ADP

AO: ~~MM~~ 737-39714 ♂ R ✓
~~MM~~ 39751 ♂ 2 eggs ✓
25875 ♂ L ✓
39764 ♀ lg chick ✓
39762 ♀ } L ✓
39715 ♂ } ✓
39795 ♀ R ✓
39904 ♂ } lg chick ✓
20939 ♀ } ✓
20934 ♀ R ✓
82435 ♂ } R ✓
757-62927 ♂ } ✓
737-28867 ♀ 2 eggs ✓
39954 ♂ R ✓
27984 ♂ } lg chick ✓
587-83341 ♀ ✓
737-27744 ♂ } R ✓
53219 ♀ ✓
757-62971 ♀ R ✓
737-53425 ♂ L ✓

AO: ~~III~~ ~~IV~~ ~~V~~ ~~VI~~

✓ 18

✓ MPP

757-65081 ♀ } ✓ R

737-49836 ♂ } ✓

757-62877 ♀ } ✓ R

737-53213 ♂ } ✓

20949 ♀ ✓ lg chick

757-65183 ♀ } ✓ Sm chick

737-22845 ♂ } ✓

39789 ♂ ✓ R

587-83354 ♀ ✓ R

737-28856 ♂ } ✓ R

737-27936 ♀ } ✓

39800 ♀ ✓

568-71444 ♀ R ✓

737-20715 ♂ } (g chick)

28781 ♀ } ✓

28576 ♂ ✓ Sm

39976 ♀ R ✓

28637 ♀ } R ✓

49632 ♂ } ✓

49592 ♂ R ✓

Imm: ~~IV~~ ~~III~~

AD: ~~THE MELTING~~ THE MELTING
IN 35

Imm: ~~THE MELTING~~

V18 ✓ADP

737-39950 ♀ R ✓

587-83433 ♀ R ✓

737-53407 ♂ R ✓

737-39943 ♂ R ✓

27818 ♀ R ✓

39993 ♂ lg chick ✓

20724 ♂ 2 eggs ✓

39992 ♂ lg chick ✓

82153 ♀ { sm chick

39903 ♂ } ✓

39906 ♀ d ✓

28917 ♂ R ✓

39793 ♀ sm chick ✓

20966 ♂ R ✓

53344 ♀ } R ✓

757-63718 ♂ ✓

737-20736 ♂ R ✓

53216 ♂ R ✓

53438 ♀ R ✓

53259 ♂ R ✓

Ad: ~~MM~~ ~~MM~~ ~~MM~~ ~~MM~~ ~~MM~~

35

Imm: ~~MM~~ ~~MM~~

at NE side new block structure

Yr 8 ✓ ADP

737-53272 ♀ R club ✓

587-83523 SAU R club ✓

737-20742 ♀ R ✓

82443 ♀ R ✓

49839 ♂ 3 R ✓

587-83492 ♀ 3 ✓

737-20558 ♀ R ✓

53351 ♀ 3 R ✓

28560 ♂ ✓

27746 ♀ 3 RL ✓

53421 ♂ ✓

20923 ♀ R ✓

27820 ♀ 1 egg ✓

82282 SA/1mm ✓

20854 ♂ R ✓

53274 ♂ 1 egg ✓

27435 ♀ R ✓

558-85098 ♀ R ✓

737-20985 ♀ R ✓

27753 ♂ 1 egg ✓

Ad: M, 30, 100² clust, 150 clust

MMXII

44 50² ~~clust~~ (not a clust)

115 subclones (, ,)

18

ii

INHA: III / III III IV V VI II

1/18

✓ADP

737-20633 ♂ R clust ✓

27754 ♂ R clust -

20752 ♀ R clust -

53258 ♀ } 3 week

23502 ♂ }

19 JAN, 1967

Banding

923-88501-89500 ALL ON

SOOTY TERN ADULTS

ON EGGS

SOOTY TERN RETURNS:

19 JANUARY, 1967 / VADP

773-24734 ✓ 23285 ✓
25258 ✓ 28663 ✓
20355 ✓ 24724 ✓
21592 ✓ 26458 ✓
39953 ✓ 21473 ✓
24369 ✓ 29547 ✓
29035 ✓ 23177 ✓
29106 ✓ 25496 ✓
29676 ✓ 28861 ✓
39648 ✓
39514 ✓
24099 ✓
25901 ✓
20164 ✓
29730 ✓
20073 ✓
26933 ✓
24726 ✓
24223 ✓

19 JAN

VASIP

793-31150 ✓ 46193

47835 ✓

46741 ✓

45398 ✓

46454 ✓

45587 ✓

48911 ✓

46801 ✓

45847 ✓

30442 ✓

47854 ✓

47470 ✓

30150 ✓

30683 ✓

48402 ✓

49179 ✓

30798 ✓

49669 ✓

46223 ✓

44984 ✓

19 JAN

ADP

843-37042 ✓ 38803 ✓

35263 ✓

38751 ✓

36698 ✓

35969 ✓

36934 ✓

37954 ✓

36991 ✓

35543 ✓

55669 ✓

37664 ✓

38463 ✓

36642 ✓

37087 ✓

38636 ✓

35219 ✓

36359 ✓

37764 ✓

36630 ✓

37020 ✓

1A TRAD

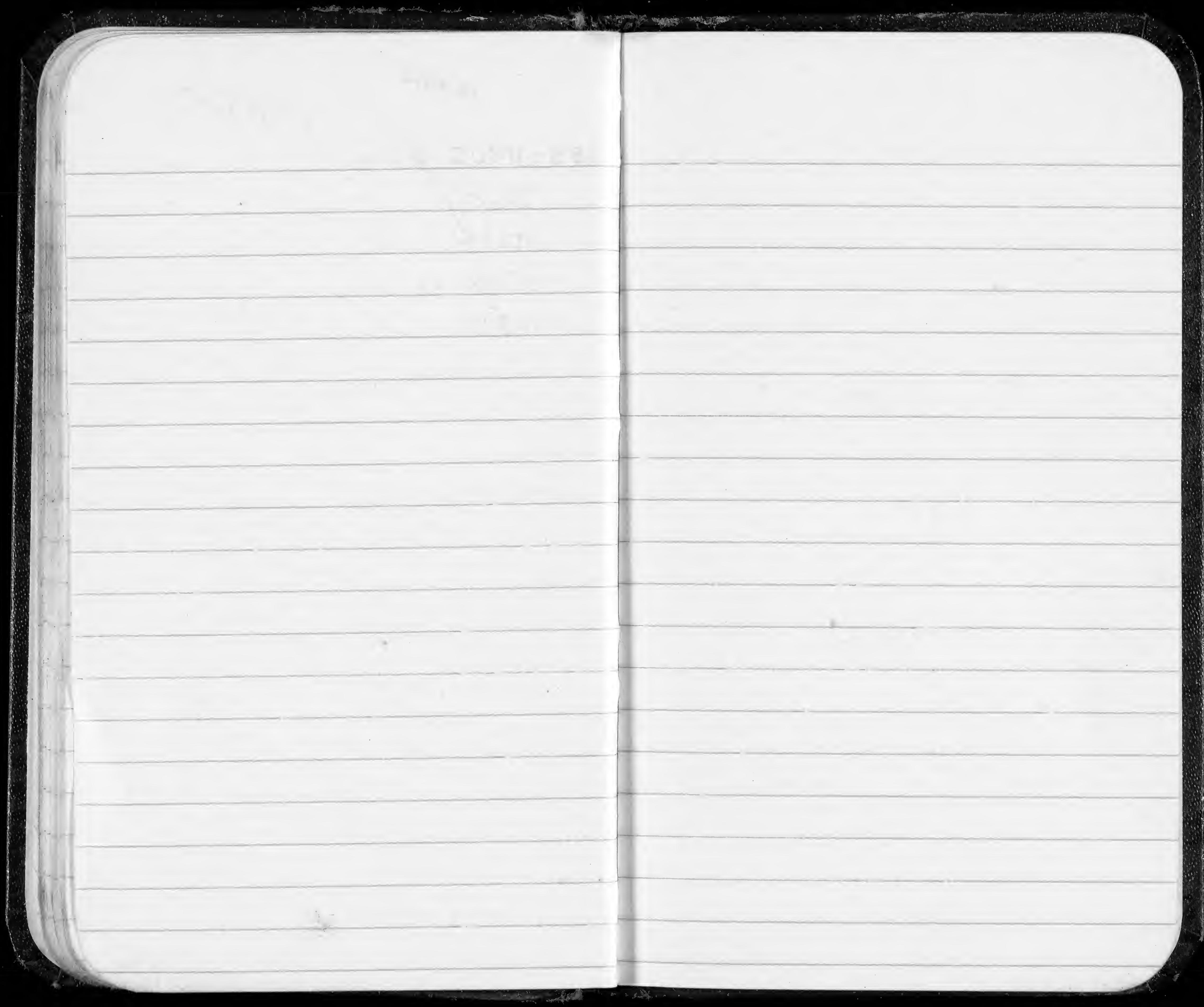
✓ADP

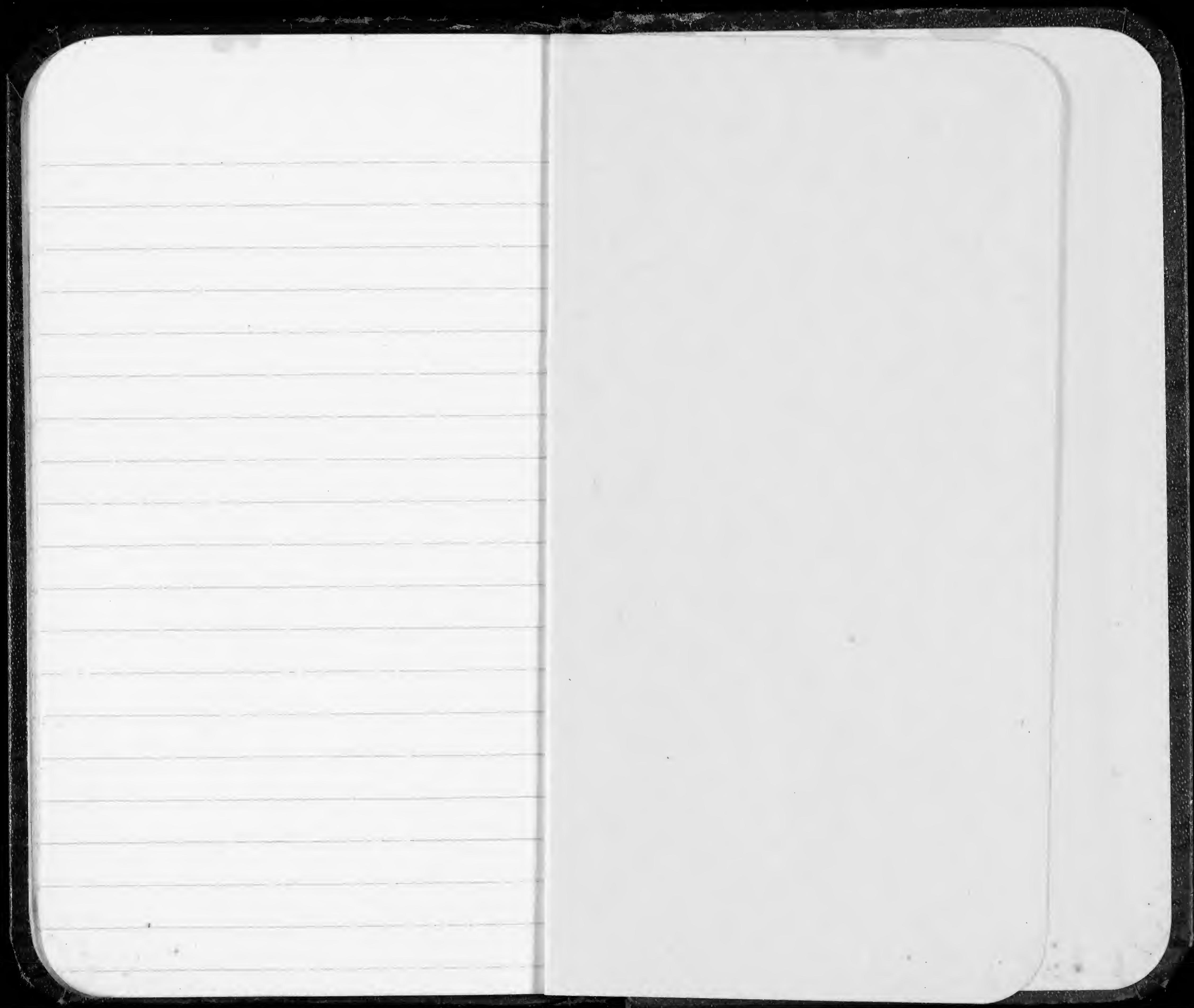
863-81480 B.S. ✓

50810 ✓

10 JAN

953-11905 B.S. ✓ VADP
10627 ✓
00234 ✓
07540 B.S. ✓
16375 ✓





WRITE

7530-222-0078
FEDERAL SUPPLY SERVICE

100 043-10-73126-2